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From: Michael K. Dixon/vb

Date: January 18, 2005

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**Comments/Special Instructions**

Re: Response to Office Action for  
U.S. Utility Patent Application No. 10/697,370 for  
"Gas Turbine Vane with Integral  
Cooling Flow Control System"  
Our Ref. No.: 2003P13685US

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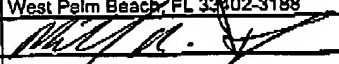
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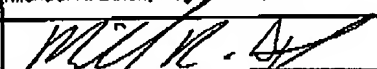
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/697,370	
	Filing Date	October 30, 2003	
	First Named Inventor	Liang, George	
	Art Unit	3745	
	Examiner Name	Verdler, Christopher M.	
Total Number of Pages in This Submission	28	Attorney Docket Number	2003P13685US

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Technology Center (TC)
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<b>SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT</b>		
Firm or Individual name	Akerman Senterfitt/Michael K. Dixon, Reg. No. 46,665 P.O. Box 3188 West Palm Beach, FL 33402-3188	
Signature		
Date	January 18, 2005	

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Signature		Date January 18, 2005

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**FEE TRANSMITTAL**  
**for FY 2004**

Effective 10/01/2003, Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$)**0.00****Complete if Known**

Application Number	10/697,370
Filing Date	October 30, 2003
First Named Inventor	Liang, George
Examiner Name	Verdier, Christopher M.
Art Unit	3745
Attorney Docket No.	2003P13685US

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Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	
1002 340	2002 170	Design filing fee	
1003 530	2003 285	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
<b>SUBTOTAL (1)</b>			<b>(\$)<b>0.00</b></b>

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims		Extra Claims		Fee from below		Fee Paid	
Independent Claims		-20** =		X			
Multiple Dependent		-3** =		X			

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1202 18	2202 9	Claims in excess of 20	
1201 86	2201 43	Independent claims in excess of 3	
1203 290	2203 145	Multiple dependent claim, if not paid	
1204 86	2204 43	** Reissue independent claims over original patent	
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent	
<b>SUBTOTAL (2)</b>			<b>(\$)<b>0.00</b></b>

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for <i>ex parte</i> reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1808 180	1808 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)** (\$)**0.00****SUBMITTED BY**

Name (Print/Type) Michael K. Dixon

Registration No.  
(Attorney/Agent)

46,665

(Complete if applicable)

Telephone 561.653.5000

Signature

Date

January 18, 2005

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

SERIAL NO.: 10/697,370

CONFIRMATION NO.: 7887

APPLICANT: Liang, George

FILED: October 30, 2003

GROUP ART UNIT: 3745

EXAMINER: Verdier, Christopher M.

ATTORNEY DOCKET NO.: 2003P13685US

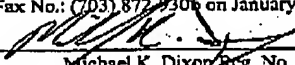
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FOR: Gas Turbine Vane With Integral Cooling Flow Control System

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<p align="center"><b>Certificate of Transmission</b></p> <p>I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office, Fax No.: (703) 872-7306 on January 18, 2005.</p> <p align="center"> Michael K. Dixon Reg. No. 46,665</p> <p>DATE: January 18, 2005.</p>
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**AMENDMENT AND RESPONSE**

Sir:

In response to the Office Action (hereinafter "the Action") dated October 18, 2004, please amend the above-identified patent application as follows:

**Amendments to the Specification begin on page 3 of this paper;**

U.S. Serial No. 10/697,370  
Amendment Dated January 18, 2005  
Response To Office Action Dated October 18, 2004

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**Amendments to the Claims** begin on page 6 of this paper; and

**Remarks** begin on page 13 of this paper.

(WP213679;1)